

WHAT IS CLAIMED IS:

- 1 1. A method of adjusting image-capturing parameters of an image-
2 capturing device comprising:
3 capturing a first image and a second image using different
4 settings of the image-capturing parameters;
5 displaying the first and second images as comparison
6 images for user selection; and
7 adjusting current settings of the image-capturing parameters
8 of the image-capturing device to conform with one of the first and second
9 images selected by a user.
- 1 2. The method of claim 1 wherein the step of capturing the first and
2 second images includes:
3 processing raw image data of a captured scene of interest
4 using a first setting of a selected image-capturing parameter to capture the
5 first image; and
6 processing the raw image data using a second setting of the
7 selected image-capturing parameter to capture the second image.
- 1 3. The method of claim 1 wherein the step of capturing the first and
2 second images includes sequentially capturing a scene of interest using
3 two different settings of a selected image-capturing parameter to capture
4 the first and second images.
- 1 4. The method of claim 3 wherein the selected image-capturing
2 parameter is selected from a group comprising of exposure period,
3 aperture and white balance.
- 1 5. The method of claim 1 wherein the image-capturing parameters
2 include a parameter selected from a group consisting of exposure period,
3 aperture, color saturation, contrast, brightness, hue, gamma correction
4 and white balance

- 1 6. The method of claim 1 wherein the step of displaying the first and
2 second images includes simultaneously displaying the first and second
3 images.
- 1 7. The method of claim 1 wherein the step of displaying the first and
2 second images includes sequentially displaying the first and second
3 images.
- 1 8. The method of claim 1 further comprising a step of capturing a third
2 image using the current settings of the image-capturing parameters that
3 were adjusted to conform with one of the first and second images selected
4 by the user.
- 1 9. The method of claim 1 wherein the image-capturing device is
2 selected from a group consisting of a computer-connected digital camera,
3 a standard digital camera and a peripheral digital camera attachment.
- 1 10. An imaging system comprising:
2 an image-capturing device that is configured to electronically
3 capture images using different settings of image-capturing parameters;
4 a display device that is configured to visually present a first
5 captured image and a second captured image, the first captured image
6 corresponding to first settings of the image-capturing parameters, the
7 second captured image corresponding to second settings of the image-
8 capturing parameters; and
9 a parameter adjuster operatively coupled to the image-
10 capturing device, the parameter adjuster being configured to adjust current
11 settings of the image-capturing parameters of the image-capturing device
12 to conform to one of the first settings and the second settings in response
13 to a user selection between the first captured image and the second
14 captured image presented on the display device.

1 11. The imaging system of claim 10 wherein the parameter adjuster is
2 configured to direct a processor to process raw image data of a captured
3 scene of interest using one setting of a selected image-capturing
4 parameter to capture the first captured image, the parameter adjuster
5 being further configured to direct the processor to process the raw image
6 data using another setting of the selected image-capturing parameter to
7 capture the second captured image.

1 12. The imaging system of claim 10 wherein the parameter adjuster is
2 configured to direct the image-capturing device to sequentially capture a
3 scene of interest using two different settings of a selected image-capturing
4 parameter to produce the first and second captured images.

1 13. The imaging system of claim 12 wherein the selected image-
2 capturing parameter is selected from a group comprising of exposure
3 period, aperture and white balance.

1 14. The imaging system of claim 10 wherein the image-capturing
2 parameters include a parameter selected from a group consisting of
3 exposure period, aperture, color saturation, contrast, brightness, hue,
4 gamma correction and white balance.

1 15. The imaging system of claim 10 wherein the parameter adjuster is
2 configured to direct the display device to simultaneously display the first
3 and second captured images.

1 16. The imaging system of claim 10 wherein the parameter adjuster is
2 configured to direct the display device to sequentially display the first and
3 second captured images.

1 17. The imaging system of claim 10 wherein the image-capturing
2 device is selected from a group consisting of a computer-connected digital
3 camera, standard digital camera and peripheral digital camera attachment.

- 1 18. A method of adjusting image-capturing parameters of an image-
2 capturing device comprising:
3 capturing a scene of interest as raw image data using an
4 image sensor of the image-capturing device;
5 processing the raw image data using first settings of the
6 image-capturing parameters to produce a first image of the scene of
7 interest;
8 processing the raw image data using second settings of the
9 image-capturing parameters to produce a second image of the scene of
10 interest;
11 displaying the first and second images for user selection; and
12 adjusting current settings of the image-capturing parameters
13 of the image-capturing device to conform with one of the first and second
14 images selected by a user, the adjusted current settings of the image-
15 capturing parameters being used by the image-capturing device to capture
16 a subsequent image.
- 1 19. The method of claim 18 wherein the image-capturing parameters
2 include a parameter selected from a group consisting of color saturation,
3 contrast, brightness, hue, gamma correction and white balance.
- 1 20. The method of claim 18 wherein the step of displaying the first and
2 second images includes simultaneously displaying the first and second
3 images.
- 1 21. The method of claim 18 wherein the step of displaying the first and
2 second images includes sequentially displaying the first and second
3 images.